

Product datasheet

Specifications



Modicon Momentum - serial link option adaptor - single

172JNN21032C

⚠ Discontinued on: 8 Aug 2024

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Main

Range of product	Modicon Momentum automation platform
Product or component type	Serial link option adaptor
Number of port	1
Communication port type	Single

Complementary

[Us] rated supply voltage	5 V DC
Input voltage tolerance	+/- 5 %
Supply	Via I/O base
Clock drift	+/- 13 s/day accuracy
Battery type	Lithium battery - autonomy: < 30 day after the battery low indication at 40 °C
Battery size	2/3 AA
Battery life	5 year(s)
Communication port support	RS232 or RS485 serial link selectable
Electrical connection	1 connector D-shell with 9 pins for Modbus Plus connection
Material	Lexan
Marking	CE
Local signalling	1 LED for communication
Current consumption	700 mA at 12 V DC
Height	25 mm
Width	143.1 mm
Depth	60.06 mm
Module format	Standard
Net weight	85.05 g

Environment

Dielectric strength	500 V DC
Standards	IEC 529
Product certifications	CSA UL NEMA 250 type 1
IP degree of protection	IP20 conforming to IEC 529

Protective treatment	TC Conformal coating Humiseal 1A33
Shock resistance	+/- 15 gn 11 ms half sine wave acceleration
Vibration resistance	1 gn (f = 57...150 Hz)
Amplitude of sinusoidal vibration	0.075 mm 10...57 Hz
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...1000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	5...95 % without condensation
Operating altitude	<= 2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	11.0 cm
Package 1 Length	21.0 cm
Package 1 Weight	227.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	5
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.65 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No